

Waste Management Project

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WRAP



T Plant



Central Waste Complex

INTRODUCTION

The Waste Management Project consists of Project Baseline Summary (PBS) RL-CP02, *200 Area Materials and Waste Management*, except for the Environmental Restoration Disposal Facility (ERDF).

NOTE: Unless otherwise noted, all information contained herein is as of the end of February 2003.

NOTABLE ACCOMPLISHMENTS

Transuranic (TRU) Waste Retrieval: RL approved the Safeguards and Security Plan and all required mitigation actions have been implemented. Mobile Characterization Services delivered the mobile assay equipment and completed the mobilization phase. Operator examinations and certification for the assay process is ongoing. Drum Venting System (DVS) proposals were received and a "best value" contractor identified. Negotiations were completed to align DVS technical requirements and the contractor's proposal.

Mixed Low Level Waste (MLLW) Treatment: Completed five shipments totaling 54 cubic meters (m^3) of MLLW debris and radioactive lead solids to ATG, Inc (ATG). Received five MLLW shipments totaling 46 m^3 of macroencapsulated debris and radioactive lead solids from ATG. Treated 85 m^3 of macroencapsulated debris and radioactive lead solids (pre-treatment volume).

Liquid Waste Processing: The Effluent /Treatment Facility (ETF) treated 1.95 million gallons of groundwater. The 242-A Evaporator began campaign 03-02 on February 26, 2003. Through February they had processed 383,000 gallons of dilute liquid tank waste; the campaign continues on into March. Planning is underway to transfer operation of the 242-A Evaporator to CH2M HILL Hanford Group, Inc. (CHG) in June 2003. The 300 Area Treated Effluent Disposal Facility treated and disposed of over 2.56 million gallons of industrial wastewater, supporting the cleanout of several 300 Area facilities

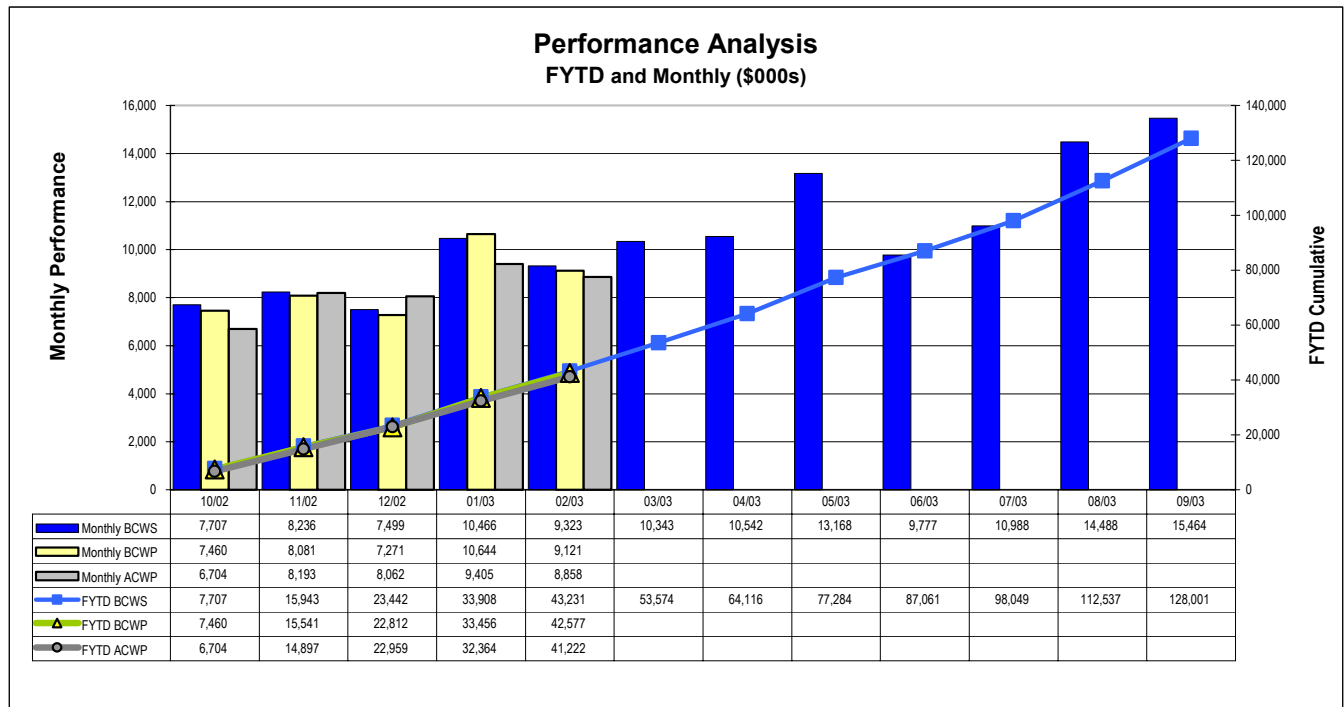
FY03 SCHEDULE/COST PERFORMANCE (\$000)

Schedule Performance: The unfavorable schedule variance is the result of delays in receiving the Engineering Evaluation/Cost Analysis (EE/CA) decision on disposal of 183-H waste in the ERDF. T Plant upgrades and sludge receipt preparations are behind schedule due to the T Plant crane incident. A recovery plan is in place and T Plant anticipates being ready for sludge receipt in the April time frame. The unfavorable variance is offset by a favorable variance in the 10-CFR-830 work scope for the Master Documented Safety Analysis (MDSA) Critical safety, Master safety analysis and 70% submittal for review and comment being completed ahead of schedule.

Cost Performance: The favorable cost variance is the result of labor ramp-ups for Waste Isolation Pilot Plant (WIPP) certification and shipments; Transuranic (TRU) retrieval, and MLLW treatment have not occurred as planned. A portion of the FY 2002 fee was forfeited causing a credit in cost. Contract costs for the 10-CFR-830 efforts were lower than planned. The favorable variance is offset by an unfavorable variance in the Solid Waste Pool. Waste volumes have been lower than planned for on-site and off-site.

FY03 SCHEDULE/COST PERFORMANCE (\$000) (CONTINUED)

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-CP02	200 Area Materials & Waste Management	43,231	42,576	41,221	-654	-2%	1,356	3%	128,130



MILESTONE ACHIEVEMENT

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status / Comment
M-91-12A	Treat 240 Cubic Meters by 12/31/2002	TPA Enforceable	12-31-02		TBD	TPA renegotiation ongoing.
M-91-20	T Plant ready to rec. canister of K Basin floor pit sludge	TPA Enforceable	12-31-02		04-11-03	Revised schedule (recovery plan submitted to RL).
M-26-05J	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-03		08-31-03	ON SCHEDULE
M-91-22	T Plant ready to rec. Canister & fuel wash sludge from K Basin	TPA Enforceable	02-29-04		02-29-04	ON SCHEDULE
M-91-07	Complete W-113 for Post 1970 CH TRU / TRUM Retrieval	TPA Enforceable	09-30-04		TBD	TPA renegotiation ongoing.
M-26-05L	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-05		08-31-05	ON SCHEDULE

FY 2003 FH FUNDS VS. FORECAST (\$000)

	Expected Funds	Spend Forecast	Variance
Waste Management RL-CP02	\$ 128,130	\$ 123,000	\$ 5,130
Project Completion - Operating			

ISSUES

T Plant Readiness to Receive K Basin Sludge: T Plant expects to receive authorization to begin sludge receipt on or before April 10, 2003. The Major Stack Designation process and canyon crane repairs are critical path. Readiness Self Assessments are currently 75% complete. Management Self Assessment and Readiness Assessment will start March 12, 2003 and March 21, 2003, respectively. Second dry run commenced on March 7, 2003. Stack internal video inspection is scheduled the week of March 17, 2003 (weather permitting). Plant Operating Authority (POA) revised to account for the shift to RL as the Authorizing Authority. POA is to be submitted to RL March 17, 2003. RL has reviewed the draft and all comments have been incorporated.

Low Level Burial Ground (LLBG) Trench Capacity: Disposal capacities for Low Level Waste (LLW) will be impacted in FY 2003 due to delays of National Environmental Policy Act (NEPA) documentation approval. The interim Environmental Assessment (EA) path agreed to by RL is in process. A draft EA was submitted to RL on January 8, 2003. Strategic discussions on managing the EA review were held on January 22, 2003. RL was scheduled to release the draft EA for public review January 23, 2003, but missed this date since guidance was not received from HQ. RL is pursuing potential dates for recommencing EA activities. New trench capacity is scheduled to be available July 1, 2003 although this date is now beyond FH's ability to meet. Letters were previously sent to RL informing them of potential impacts to the contract if the EA is not completed and additional trench space provided. Another letter documenting impacts is being prepared for delivery to RL.

Transuranic Program Acceleration: FH needs to install Accelerated Process Lines, increase production rates for TRU certification and shipment to WIPP and initiate Double Headspace Gas Sampling throughput at T Plant by April 2003. FH placed a subcontract with Parsons Engineering on March 12, 2003 to develop procedure changes required for implementation of a new critical safety evaluation report. Staffing requisitions for additional bargaining unit resources at Waste Receiving and Packaging (WRAP) to allow parallel TRU characterization efforts have been approved and are in process. FH plans to achieve eight TRU waste shipments to WIPP in April 2003 and develop an Acceptable Knowledge package and Waste Stream Profile Form for Rocky Flats Environmental Technology Site. The ash waste stream should be ready for submittal to the DOE Carlsbad Field Office (CBFO) by March 20, 2003. FH will develop the safeguards strategy for management of pipe overpack containers at WRAP by March 21, 2003 and is negotiating April shipment dates with the CBFO.

Mixed Waste Performance Incentive: Establish Commercial Mixed Waste treatment capabilities to meet performance incentives. Preparing two new Request for Proposals for a thermal treatment contract to be issued in March 2003. Requests for Information have been issued. EE/CA revisions were completed and transmitted to the regulators on March 6, 2003 to ensure resolutions are adequate. Regulatory authorities determined that they must submit a 30-day notice for public comment before sending the document out for comment (the Hanford Advisory Board presentation in December 2002 was deemed inadequate). Notice was sent out on March 5, 2003 informing the public that the EE/CA will be available for review on March 31, 2003. RL has been formally notified of the potential to miss the Government Furnished Services/Items date of March 30, 2003. The delisting petition has been delayed due to the Environmental Protection Agency not completing reviews.